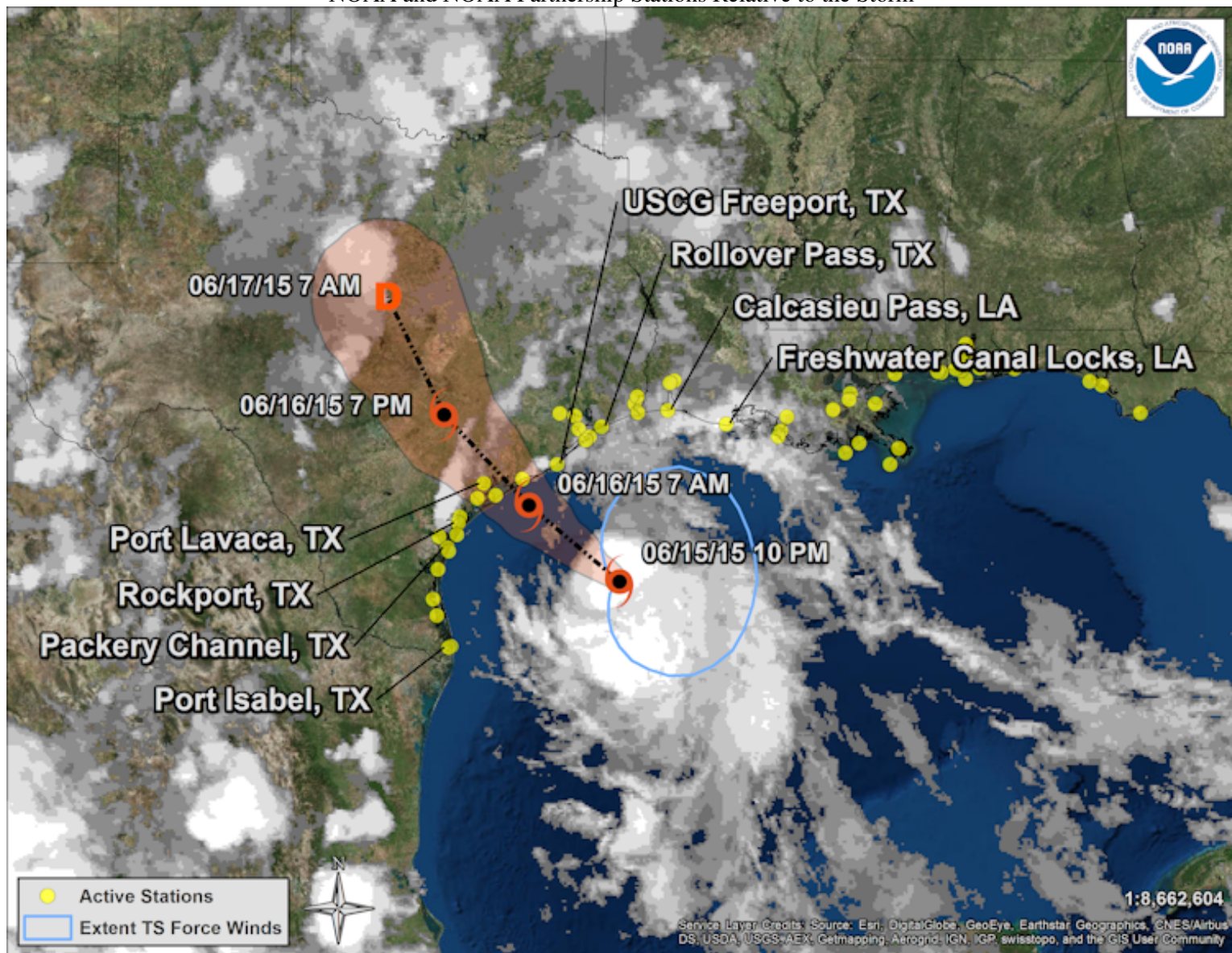




Tropical Storm BILL QuickLook
Posted: 23:00 CDT 06/15/2015

NOAA and NOAA Partnership Stations Relative to the Storm



Storm Analysis

As of 06/15/2015 23:00 CDT, water levels along the Texas and Western Louisiana coasts are slightly elevated and range between 0.95 to 2.4 ft above predicted tide levels. Winds are increasing along the eastern portion of the warning area, with gusts between 20 to 30 knots. Barometric pressure is falling across the region.

Tropical Storm BILL QuickLook, POSTED 23:00 CDT 06/15/2015

Water Level and Meteorological plots available below are updated automatically. A line denoting Mean Higher High Water (MHHW) is displayed to provide an approximate indication of when flooding inundation may occur.

For additional data, please see the Center for Operational Oceanographic Products & Services website. For more information or archived products and reports, please see the Storm QuickLook Homepage.

Analyst: AC

SELECT NATIONAL HURRICANE CENTER ADVISORY INFORMATION:

TROPICAL STORM BILL ADVISORY NUMBER 1

NWS NATIONAL HURRICANE CENTER MIAMI FL

1000 PM CDT MON JUN 15 2015

...TROPICAL STORM WARNING ISSUED AS TROPICAL STORM BILL FORMS...

...EXPECTED TO BRING HEAVY RAINFALL TO PORTIONS OF EASTERN TEXAS...

WATCHES AND WARNINGS

CHANGES WITH THIS ADVISORY:

A Tropical Storm Warning has been issued for the coast of Texas from Baffin Bay to High Island.

SUMMARY OF WATCHES AND WARNINGS IN EFFECT:

A Tropical Storm Warning is in effect for...

* Baffin Bay to High Island Texas

A Tropical Storm Warning means that tropical storm conditions are expected somewhere within the warning area.

For storm information specific to your area, including possible inland watches and warnings, please monitor products issued by your local National Weather Service forecast office.

DISCUSSION AND 48-HOUR OUTLOOK

At 1000 PM CDT, the center of Tropical Storm Bill was located about 155 MI SSE of Galveston Texas. Bill is moving toward the northwest near 12 mph and this general motion is expected to continue tonight and Tuesday. On the forecast track the center of Bill is expected to make landfall in the warning area along the Texas coast Tuesday morning and move inland over south-central Texas Tuesday afternoon and Tuesday night.

Tropical Storm BILL QuickLook, POSTED 23:00 CDT 06/15/2015

Maximum sustained winds are near 50 mph with higher gusts. Some slight strengthening is possible before landfall. Weakening is forecast after the center moves inland on Tuesday, and Bill is expected to weaken to a tropical depression Tuesday night.

Tropical storm force winds extend outward up to 160 miles from the center.

The estimated minimum central pressure is 1005 mb.

HAZARDS AFFECTING LAND

RAINFALL: Bill is expected to produce total rain accumulations of 4 to 8 inches over eastern Texas and eastern Oklahoma and 2 to 4 inches over western Louisiana and western Arkansas, with possible isolated maximum amounts of 12 inches in eastern Texas.

WIND: Tropical storm conditions are expected to first reach the coast within the warning area tonight.

STORM SURGE: The combination of a storm surge and the tide will cause normally dry areas near the coast to be flooded by rising waters. The water could reach the following heights above ground if the peak surge occurs at the time of high tide...

Upper Texas coast...2 to 4 feet

Western Louisiana coast...1 to 2 feet

The deepest water will occur along the immediate coast near and to the right of the landfall location. Surge-related flooding depends on the relative timing of the surge and the tidal cycle, and can vary greatly over short distances. For information specific to your area, please see products issued by your local National Weather Service forecast office.

NEXT ADVISORY

Next intermediate advisory at 100 AM CDT.

Next complete advisory at 400 AM CDT.

Forecaster Brennan

For the purpose of timely release, data contained within this QuickLook have undergone a "limited" NOS Quality Assurance/Control; however, the data have not yet undergone final verification. All data subject to NOS verification.

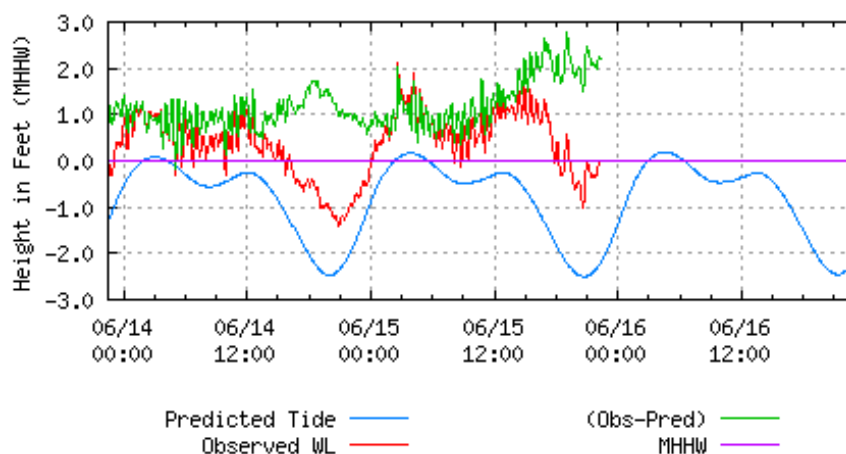
Jump to: [Freshwater Canal Locks - Water Level](#), [Freshwater Canal Locks - Winds](#), [Freshwater Canal Locks - Barometric](#), [Calcasieu Pass - Water Level](#), [Calcasieu Pass - Winds](#), [Calcasieu Pass - Barometric](#), [Rollover Pass \(TCOON\) - Water Level](#), [Rollover Pass \(TCOON\) - Winds](#), [Rollover Pass \(TCOON\) - Barometric](#), [USCG Freeport - Water Level](#), [USCG Freeport - Winds](#), [USCG Freeport - Barometric](#), [Port Lavaca \(TCOON\) - Water Level](#), [Port Lavaca \(TCOON\) - Winds](#), [Port Lavaca \(TCOON\) - Barometric](#), [Rockport - Water Level](#), [Rockport - Winds](#),

Tropical Storm BILL QuickLook, POSTED 23:00 CDT 06/15/2015

Rockport - Barometric, Packery Channel (TCOON) - Water Level, Packery Channel (TCOON) - Winds, Packery Channel (TCOON) - Barometric, Port Isabel - Water Level, Port Isabel - Winds, Port Isabel - Barometric

Tropical Storm BILL QuickLook, POSTED 23:00 CDT 06/15/2015

NOAA/NOS/CO-OPS 8766072 Freshwater Canal Locks, LA
Preliminary Water Level, relative to Mean Higher High Water (MHHW)



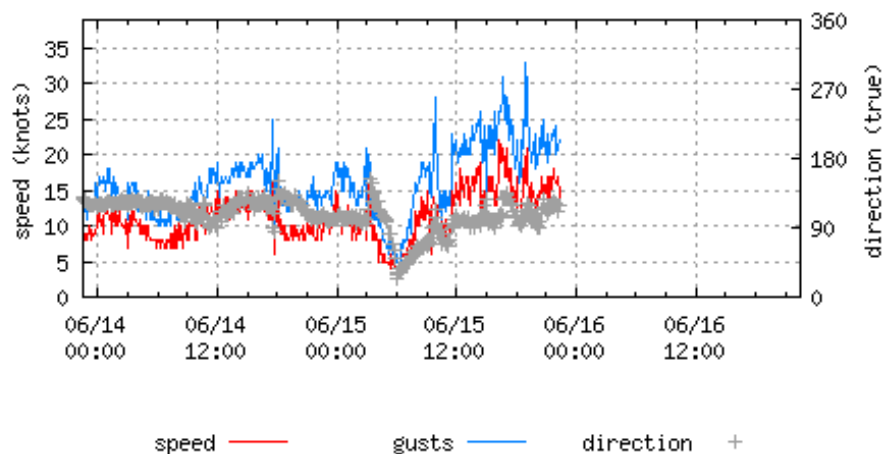
Last Observed Sample: 06/15/2015 22:18 (CDT). Data relative to MHHW

Observed: -0.00 ft. Predicted: -2.19 ft. Residual: 2.19 ft.

Historical Maximum Water Level: Sep 12 2008, 7.98 ft.

Next High Tide: 06/16/2015 04:33 (CDT), 0.18 ft.

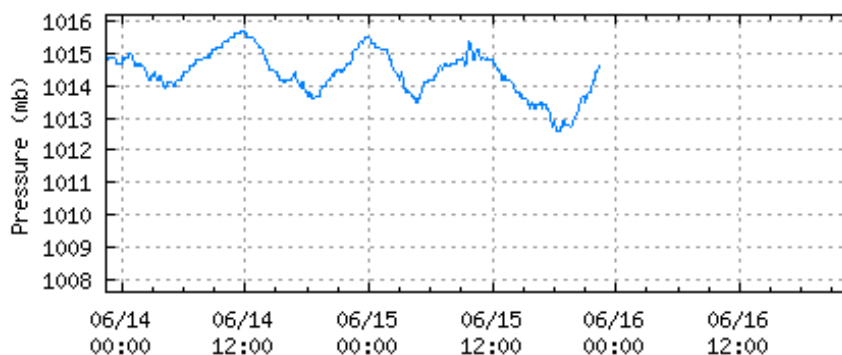
NOAA/NOS/CO-OPS 8766072 Freshwater Canal Locks, LA
Wind Speed / Gusts / Direction



Last Observed Sample: 06/15/2015 22:18 (CDT)

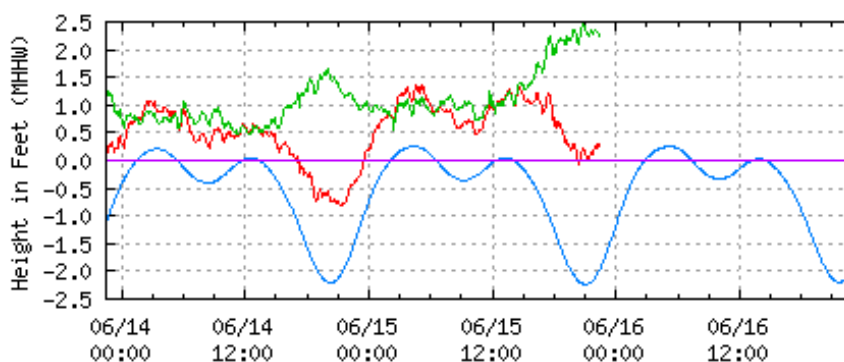
Wind Speed: 14 knots Gusts: 22 knots Direction: 120° T

NOAA/NOS/CO-OPS 8766072 Freshwater Canal Locks, LA
Barometric Pressure



barometric pressure —
Last Observed Sample: 06/15/2015 22:18 (CDT)
Barometric Pressure: 1014.6 mb

NOAA/NOS/CO-OPS 8768094 Calcasieu Pass, LA
Preliminary Water Level, relative to Mean Higher High Water(MHHW)



Predicted Tide — (Obs-Pred) —
Observed WL — MHHW —

Last Observed Sample: 06/15/2015 22:24 (CDT). Data relative to MHHW

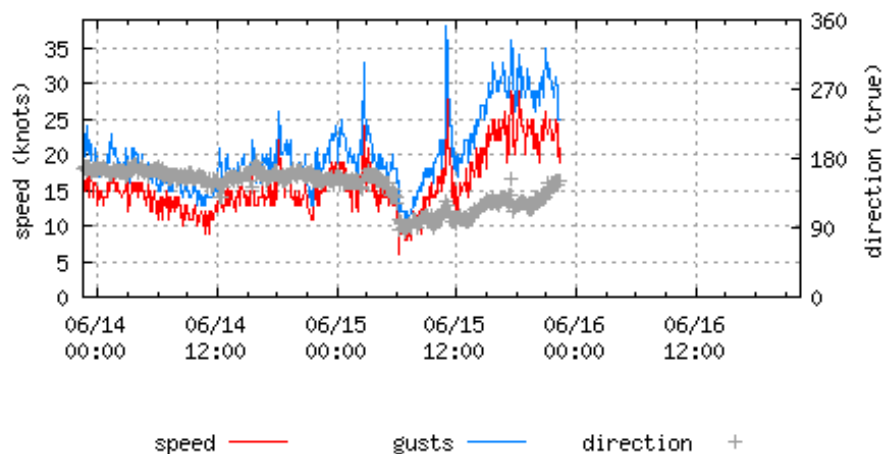
Observed: 0.26 ft. Predicted: -1.97 ft. Residual: 2.23 ft.

Historical Maximum Water Level: Sep 13 2008, 9.96 ft.

Next High Tide: 06/16/2015 05:09 (CDT), 0.26 ft.

NOAA/NOS/CO-OPS 8768094 Calcasieu Pass, LA

Wind Speed / Gusts / Direction

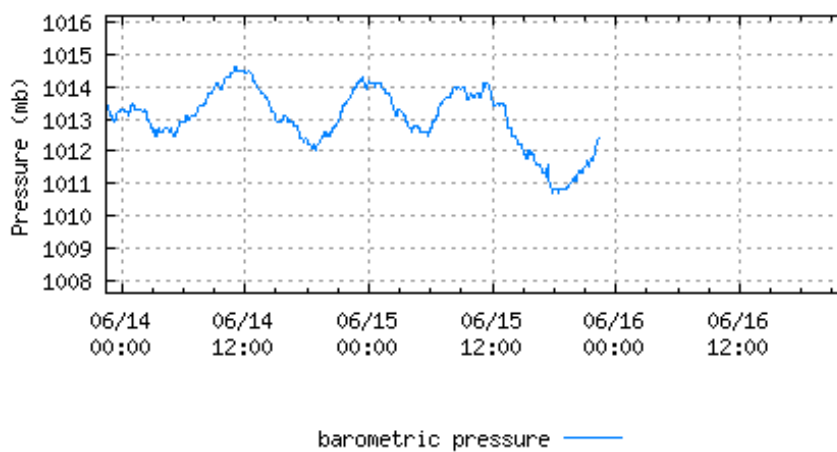


Last Observed Sample: 06/15/2015 22:24 (CDT)

Wind Speed: 21 knots Gusts: 25 knots Direction: 150° T

NOAA/NOS/CO-OPS 8768094 Calcasieu Pass, LA

Barometric Pressure

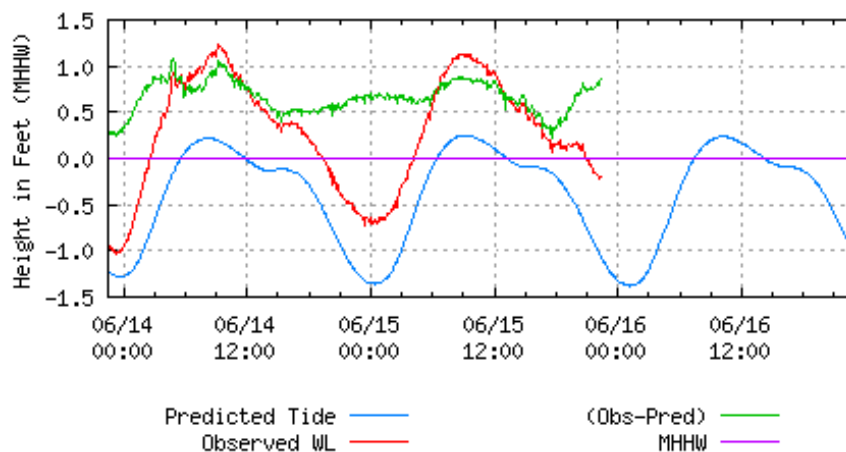


Last Observed Sample: 06/15/2015 22:24 (CDT)

Barometric Pressure: 1012.4 mb

NOAA/NOS/CO-OPS 8770971 Rollover Pass (TCOON), TX

Preliminary Water Level, relative to Mean Higher High Water(MHHW)



Last Observed Sample: 06/15/2015 22:24 (CDT). Data relative to MHHW

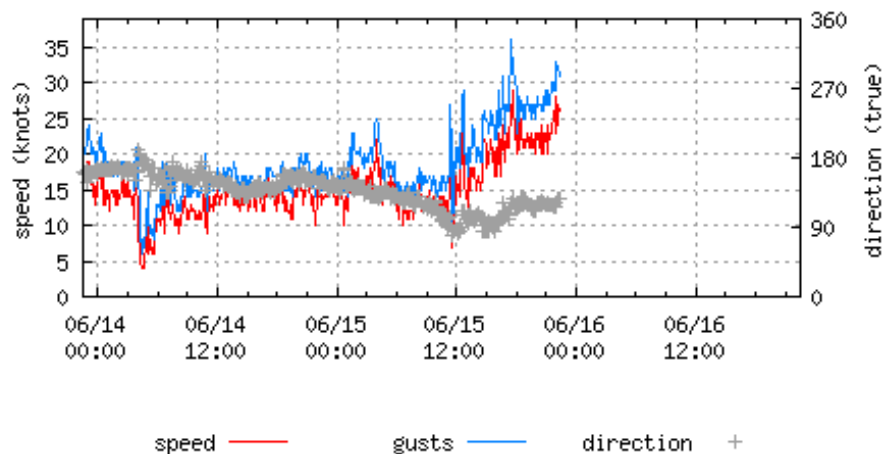
Observed: -0.21 ft. Predicted: -1.08 ft. Residual: 0.87 ft.

Historical Maximum Water Level: n/a

Next High Tide: 06/16/2015 10:10 (CDT), 0.23 ft.

NOAA/NOS/CO-OPS 8770971 Rollover Pass (TCOON), TX

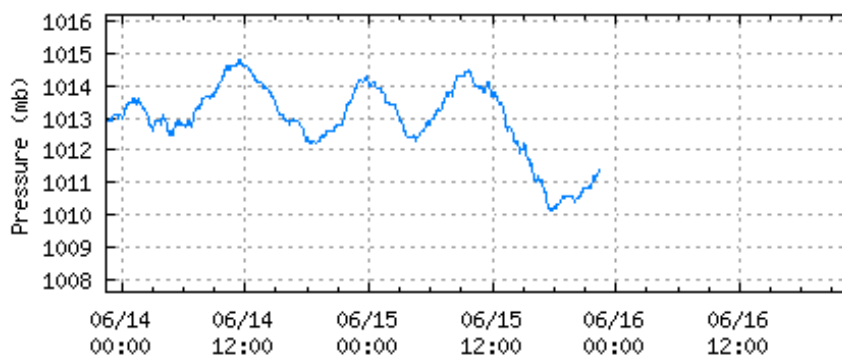
Wind Speed / Gusts / Direction



Last Observed Sample: 06/15/2015 22:24 (CDT)

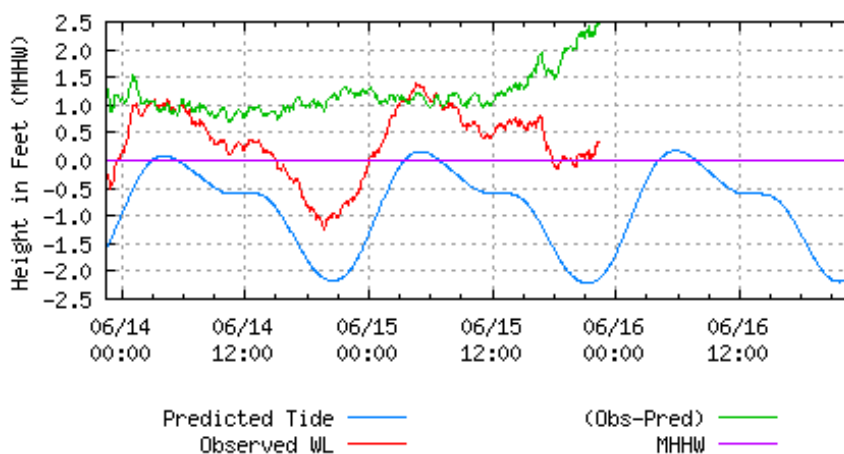
Wind Speed: 25 knots Gusts: 28 knots Direction: 124° T

NOAA/NOS/CO-OPS 8770971 Rollover Pass (TCOON), TX
Barometric Pressure



barometric pressure —
Last Observed Sample: 06/15/2015 22:24 (CDT)
Barometric Pressure: 1011.5 mb

NOAA/NOS/CO-OPS 8772447 USCG Freeport, TX
Preliminary Water Level, relative to Mean Higher High Water (MHHW)



Last Observed Sample: 06/15/2015 22:24 (CDT). Data relative to MHHW

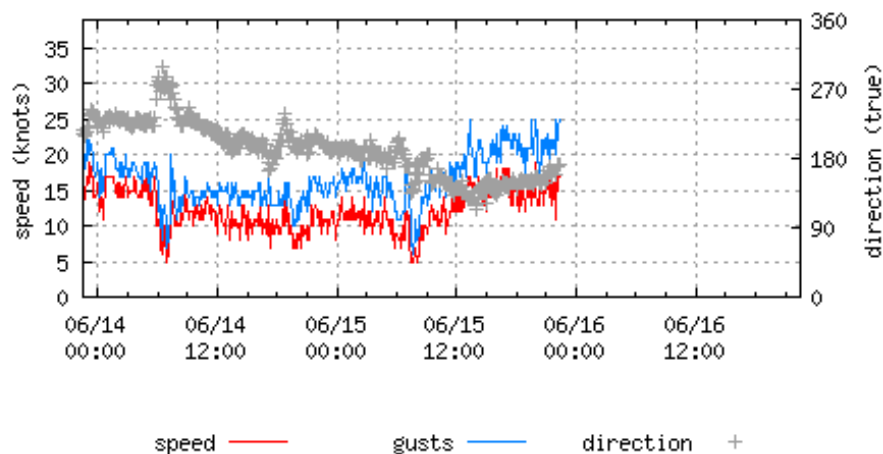
Observed: 0.41 ft. Predicted: -2.12 ft. Residual: 2.53 ft.

Historical Maximum Water Level: Sep 12 2008, 5.58 ft.

Next High Tide: 06/16/2015 05:46 (CDT), 0.17 ft.

NOAA/NOS/CO-OPS 8772447 USCG Freeport, TX

Wind Speed / Gusts / Direction

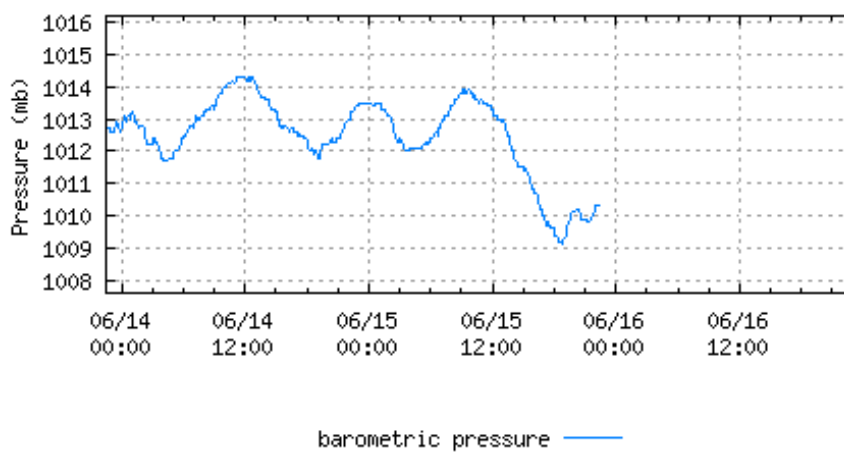


Last Observed Sample: 06/15/2015 22:24 (CDT)

Wind Speed: 17 knots Gusts: 24 knots Direction: 184° T

NOAA/NOS/CO-OPS 8772447 USCG Freeport, TX

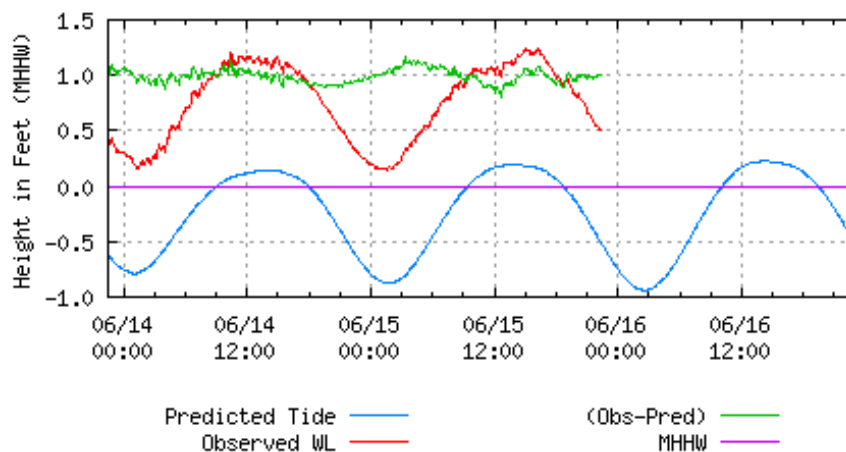
Barometric Pressure



Last Observed Sample: 06/15/2015 22:24 (CDT)

Barometric Pressure: 1010.4 mb

NOAA/NOS/CO-OPS 8773259 Port Lavaca (TCOON), TX
Preliminary Water Level, relative to Mean Higher High Water (MHHW)



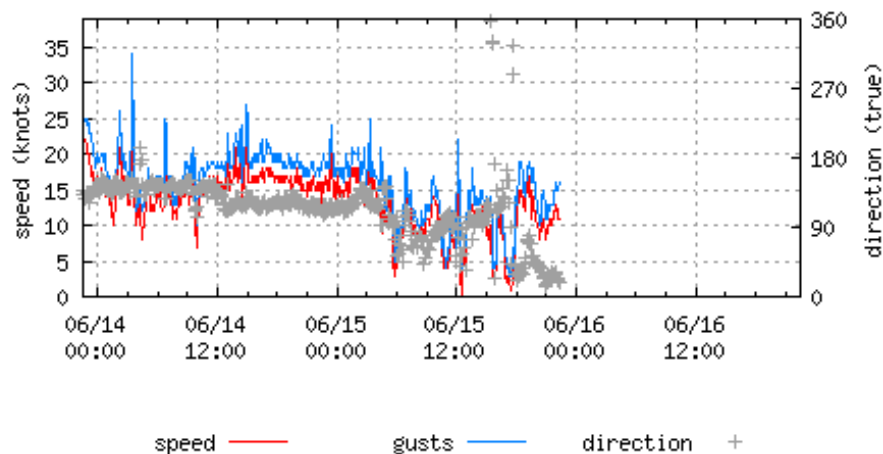
Last Observed Sample: 06/15/2015 22:18 (CDT). Data relative to MHHW

Observed: 0.50 ft. Predicted: -0.51 ft. Residual: 1.01 ft.

Historical Maximum Water Level: n/a

Next High Tide: 06/16/2015 14:09 (CDT), 0.23 ft.

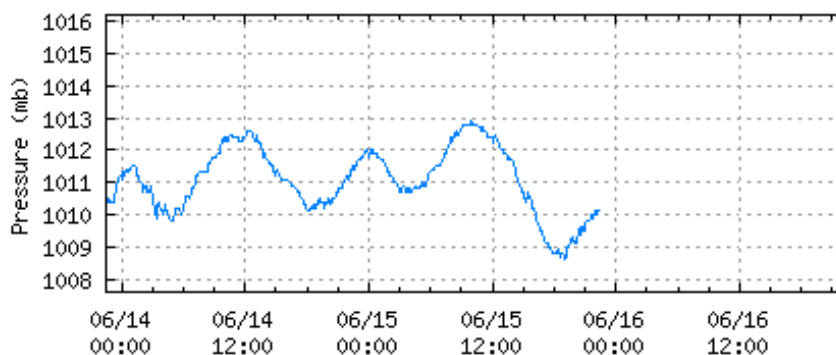
NOAA/NOS/CO-OPS 8773259 Port Lavaca (TCOON), TX
Wind Speed / Gusts / Direction



Last Observed Sample: 06/15/2015 22:18 (CDT)

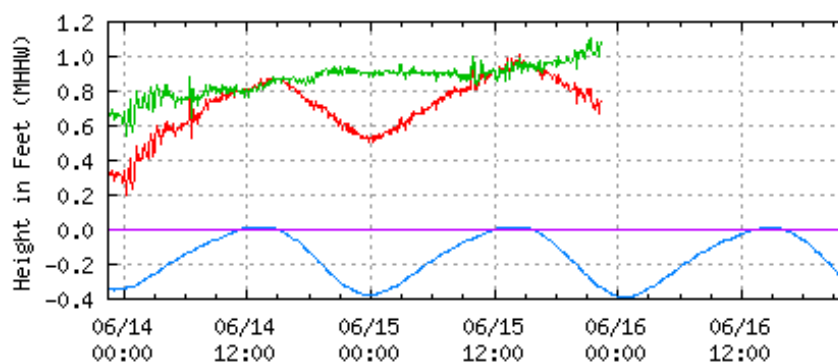
Wind Speed: 11 knots Gusts: 16 knots Direction: 18° T

NOAA/NOS/CO-OPS 8773259 Port Lavaca (TCOON), TX
Barometric Pressure



barometric pressure —
Last Observed Sample: 06/15/2015 22:18 (CDT)
Barometric Pressure: 1010.1 mb

NOAA/NOS/CO-OPS 8774770 Rockport, TX
Preliminary Water Level, relative to Mean Higher High Water (MHHW)



Predicted Tide — (Obs-Pred) —
Observed WL — MHHW —

Last Observed Sample: 06/15/2015 22:18 (CDT). Data relative to MHHW

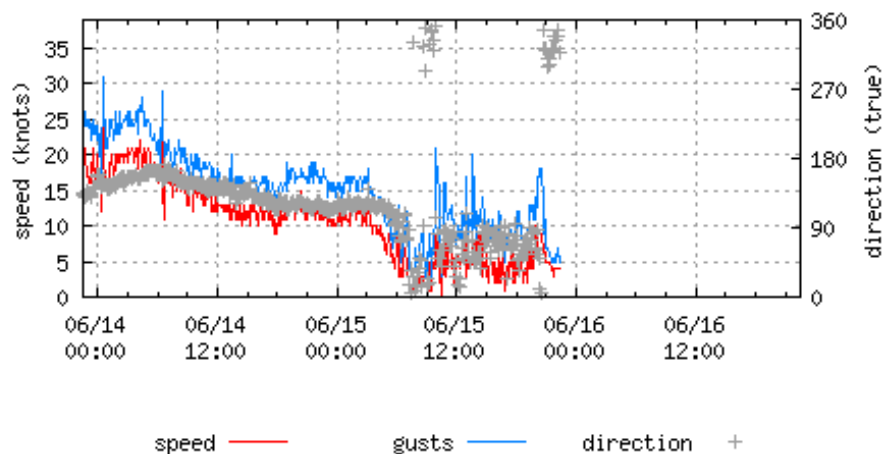
Observed: 0.75 ft. Predicted: -0.33 ft. Residual: 1.08 ft.

Historical Maximum Water Level: Aug 10 1980, 3.73 ft.

Next High Tide: 06/16/2015 14:47 (CDT), 0.01 ft.

NOAA/NOS/CO-OPS 8774770 Rockport, TX

Wind Speed / Gusts / Direction

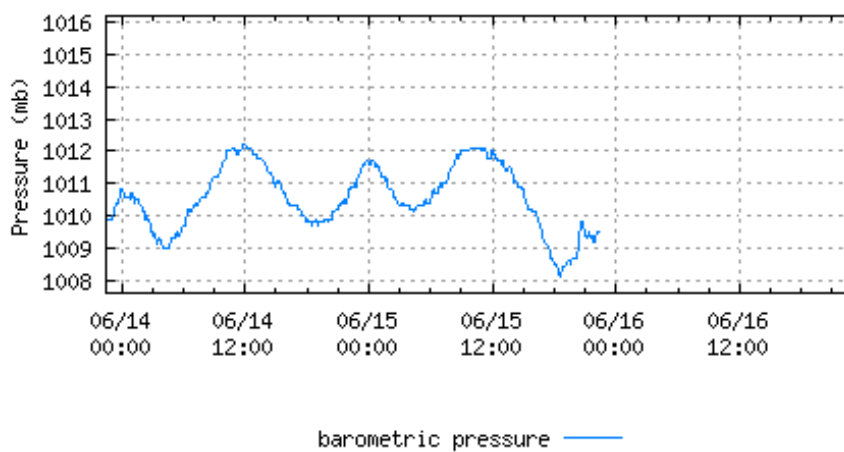


Last Observed Sample: 06/15/2015 22:18 (CDT)

Wind Speed: 4 knots Gusts: 5 knots Direction: 317° T

NOAA/NOS/CO-OPS 8774770 Rockport, TX

Barometric Pressure

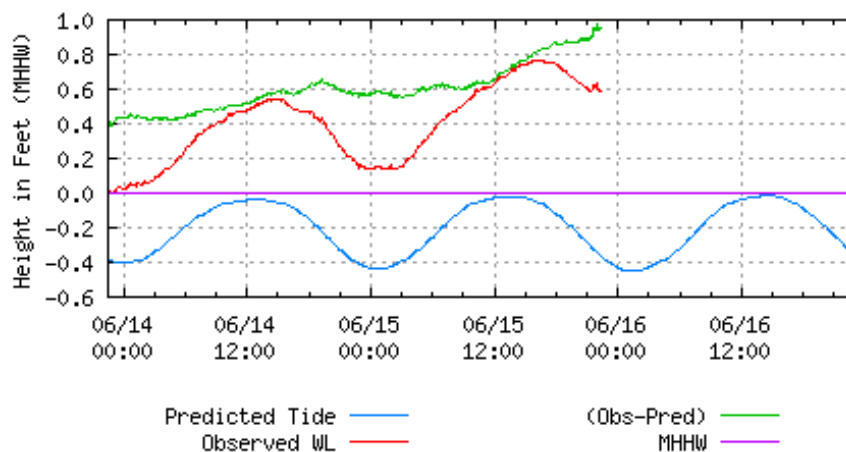


Last Observed Sample: 06/15/2015 22:18 (CDT)

Barometric Pressure: 1009.5 mb

NOAA/NOS/CO-OPS 8775792 Packery Channel (TCOON), TX

Preliminary Water Level, relative to Mean Higher High Water(MHHW)



Last Observed Sample: 06/15/2015 22:18 (CDT). Data relative to MHHW

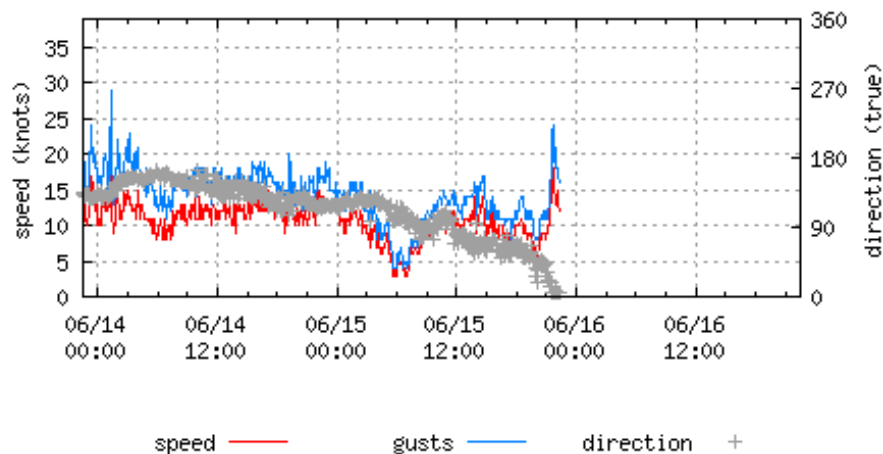
Observed: 0.59 ft. Predicted: -0.36 ft. Residual: 0.95 ft.

Historical Maximum Water Level: n/a

Next High Tide: 06/16/2015 14:33 (CDT), -0.02 ft.

NOAA/NOS/CO-OPS 8775792 Packery Channel (TCOON), TX

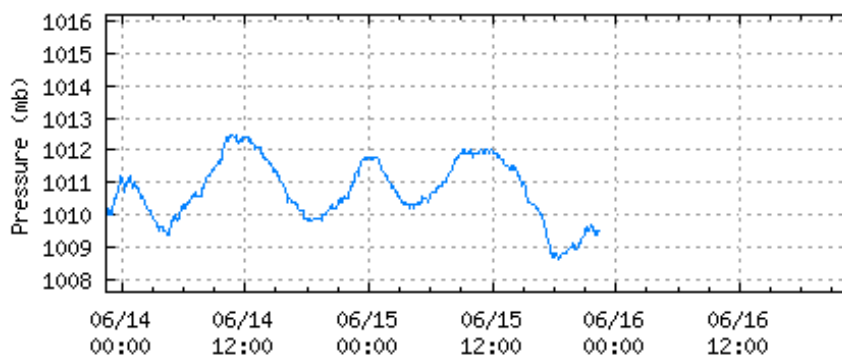
Wind Speed / Gusts / Direction



Last Observed Sample: 06/15/2015 22:18 (CDT)

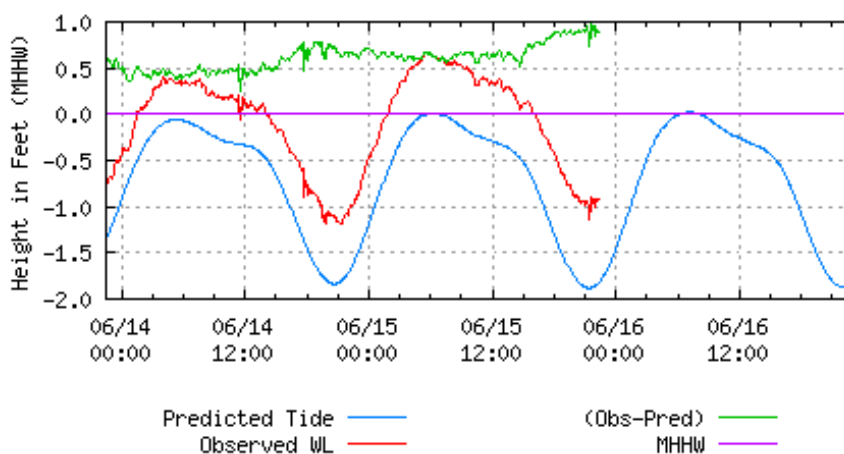
Wind Speed: 12 knots Gusts: 16 knots Direction: 6° T

NOAA/NOS/CO-OPS 8775792 Packery Channel (TCOON), TX
Barometric Pressure



barometric pressure —
Last Observed Sample: 06/15/2015 22:18 (CDT)
Barometric Pressure: 1009.5 mb

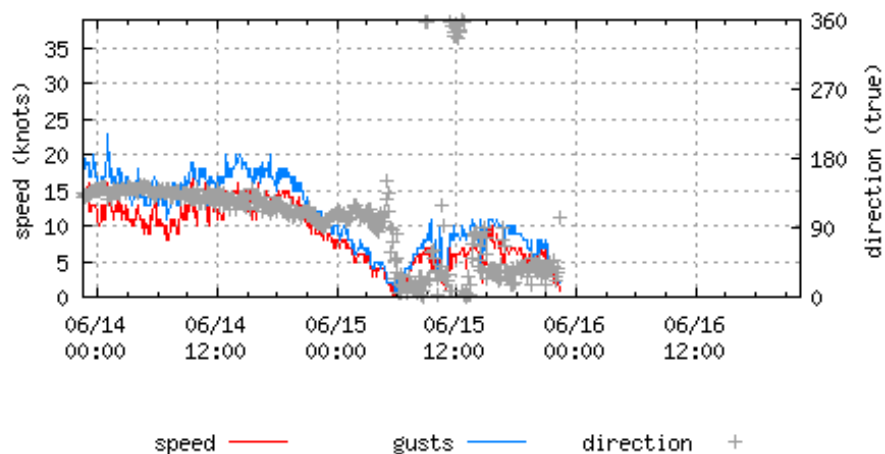
NOAA/NOS/CO-OPS 8779770 Port Isabel, TX
Preliminary Water Level, relative to Mean Higher High Water (MHHW)



Last Observed Sample: 06/15/2015 22:18 (CDT). Data relative to MHHW
Observed: -0.92 ft. Predicted: -1.82 ft. Residual: 0.90 ft.
Historical Maximum Water Level: Aug 9 1980, 5.67 ft.
Next High Tide: 06/16/2015 07:08 (CDT), 0.02 ft.

NOAA/NOS/CO-OPS 8779770 Port Isabel, TX

Wind Speed / Gusts / Direction

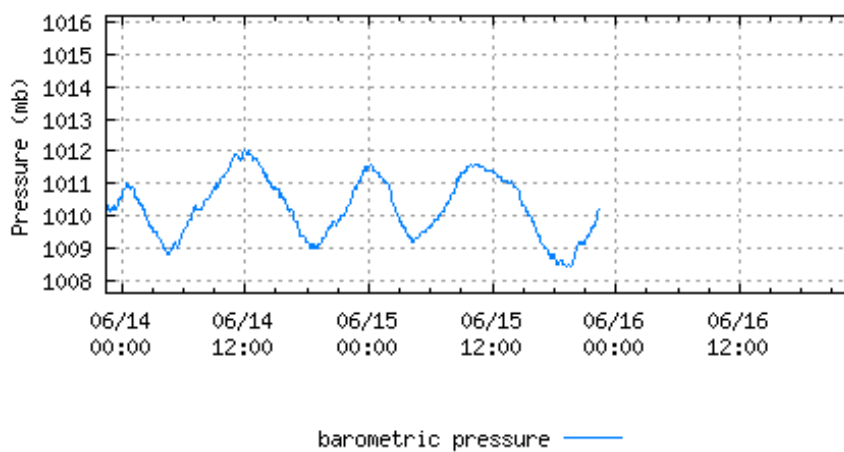


Last Observed Sample: 06/15/2015 22:18 (CDT)

Wind Speed: 1 knots Gusts: 2 knots Direction: 102° T

NOAA/NOS/CO-OPS 8779770 Port Isabel, TX

Barometric Pressure



Last Observed Sample: 06/15/2015 22:18 (CDT)

Barometric Pressure: 1010.2 mb

Tropical Storm BILL QuickLook, POSTED 23:00 CDT 06/15/2015

Latest Water Level Observations on MHHW

Station ID	Station Name	Date/Time	Observed Water Level	Predicted Tide	Residual Water Level	24 Hour Maximum Storm Tide
8766072	Freshwater Canal Locks, LA	06/15/2015 22:18 (CDT)	-0.00 ft	-2.19 ft	2.19 ft	2.10 ft
8768094	Calcasieu Pass, LA	06/15/2015 22:24 (CDT)	0.26 ft	-1.97 ft	2.23 ft	1.35 ft
8770971	Rollover Pass (TCOON), TX	06/15/2015 22:24 (CDT)	-0.21 ft	-1.08 ft	0.87 ft	1.12 ft
8772447	USCG Freeport, TX	06/15/2015 22:24 (CDT)	0.41 ft	-2.12 ft	2.53 ft	1.38 ft
8773259	Port Lavaca (TCOON), TX	06/15/2015 22:18 (CDT)	0.50 ft	-0.51 ft	1.01 ft	1.24 ft
8774770	Rockport, TX	06/15/2015 22:18 (CDT)	0.75 ft	-0.33 ft	1.08 ft	1.01 ft
8775792	Packery Channel (TCOON), TX	06/15/2015 22:18 (CDT)	0.59 ft	-0.36 ft	0.95 ft	0.77 ft
8779770	Port Isabel, TX	06/15/2015 22:18 (CDT)	-0.92 ft	-1.82 ft	0.90 ft	0.68 ft

Center for Operational Oceanographic Products & Services (CO-OPS) | National Ocean Service (NOS)
National Oceanic and Atmospheric Administration | U.S. Department of Commerce